

Converting Colors

Hex(D5C234)

Have a look what the booklet for
Hex(D5C234) contains.

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Color

Hex(D5C234)

Conversions

Conversions Part 1

Format	Color
Hex	D5C234
RGB	213, 194, 52
RGB Percent	84%, 76%, 20%
CMY	0.1647, 0.2392, 0.7961
CMYK	0.00, 0.09, 0.76, 0.16
HSL	53°, 66%, 52%
HSV	53°, 76%, 84%
XYZ	47.3522, 52.9776, 10.9788
YIQ	183.4930, 56.9060, -40.1340

Conversions

Conversions Part 2

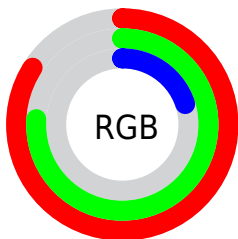
Format	Color
RYB	74, 213, 52
Decimal	14008884
CIELab	77.86, -8.20, 68.74
CIELCh	78, 69.230, 96.806
Yxy	52.9776, 0.4254, 0.4760
Android (android.graphics.Color)	4292198964 (0xFFD5C234)
YUV	183.4930, -64.8260, 25.8776
Hunter-Lab	72.7857, -11.2484, 42.0069

Details

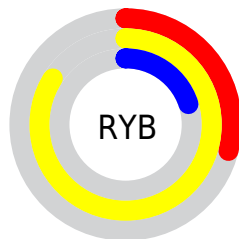
The Hex color **D5C234** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3447D5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFFA6D**, and **9A8D00** is the 20% darker color. If you saturate the color by 10%, you get **D5BF1F**, and if you desaturate by 10%, it is **D5C549**.

Distribution



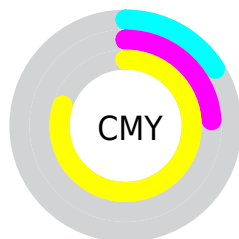
- Red (84%)
- Green (76%)
- Blue (20%)



- Red (29%)
- Yellow (84%)
- Blue (20%)



- Cyan (0%)
- Magenta (9%)
- Yellow (76%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5C234 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D5C234 by changing the saturation by 10% instead.

 D5C234

 D5C234

FFFFFF

 B7A70E

 FFFA6D

 9A8D00

 FFFF89

 7E7400

 FFFFA5

 625B00

 FFFF82

 474400

 FFFFDF

 2D2E00

FFFFFFC

 141A00

 000000

 D5C234

 D5C234

 D5BF1F

 D5C549

 D5BD09

 D5C75F

 D5BC00

 D5CA74

 D5CC89

 D5CF9F

 D5D1B4

 D5D4C9

 D5D6DE

 D5D9F4

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFAB47



D5C234



91D253

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D5C234



00DEFF



FF8FF4

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D5C234



3447D5

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D7A9FF



D5C234



00D5FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D5C234



00E0CE



53C3FF



FF85B4

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D5C234



51DA77



53C3FF



FF97FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D5C234



FFF8C4



D53449



807B5C



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D5C234



FFE417



9AD534



6B6A60



AB9700



2B2600

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3447D5



1732FF



6F34D5



60626B



0014AB



00052B

Previews

White Background



This preview shows how the Hex color D5C234 looks on a white background.

Color Contrast Check

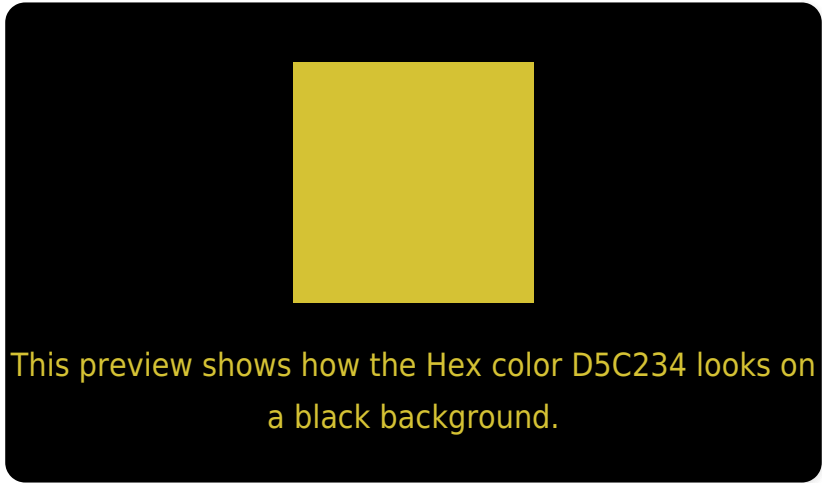
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D5C234 Background



This preview shows how black text looks on a background with the Hex color D5C234.

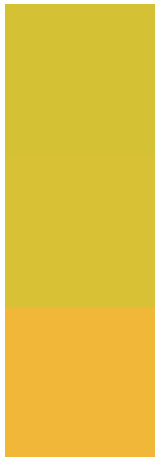


This preview shows how white text looks on a background with the Hex color D5C234.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
D5C234

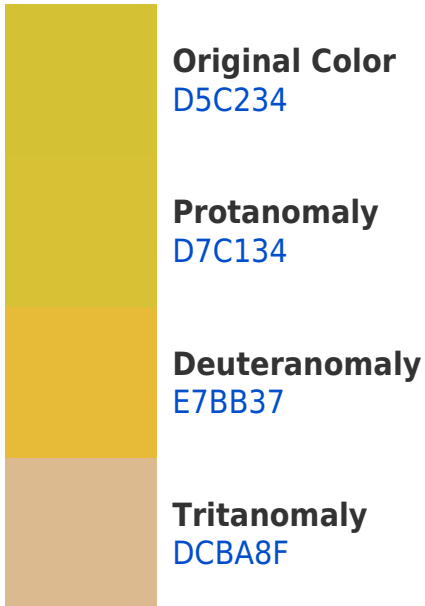
Protanopia
D8C134

Deuteranopia
F1B739



Tritanopia
E0B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D5C234 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D5C234 looks like.

```
.text, #text, p{  
    color:#D5C234  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D5C234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5C234
}
```

Border

The CSS property to change the border of an element to Hex D5C234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D5C234 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D5C234 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D5C234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5C234; -webkit-box-shadow:4px 4px  
4px 4px #D5C234; box-shadow:4px 4px 4px  
4px #D5C234 }
```

Background

The CSS property to change the background color of an element to Hex D5C234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5C234 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D5C234 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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